

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-56 (Canceled)

57. (Currently amended) A high-throughput method for screening one or more test compounds to identify those that exert an effect on an intracellular biological or chemical process, the method comprising steps of:

- a. introducing into each of a plurality of reaction vessels:
- a plurality of cells; and
 - one or more test compounds whose effect on an intracellular biological or chemical process is to be evaluated;
- b. introducing into each of the reaction vessels ~~a first ligand~~ an antibody characterized in that it associates intracellularly with a biological component whose presence or amount reveals the effect of a given test compound on the biological or chemical process; and
- c. assaying for ~~ligand-component~~ antibody-component association in the reaction vessels;

wherein the plurality of reaction vessels comprises at least 96 reaction vessels.

58. (Currently amended) A high-throughput method for screening one or more test compounds; said method comprising steps of:

- a. introducing into each of a plurality of reaction vessels:
- a plurality of cells; and
 - one or more test compounds whose effect on an intracellular biological or chemical process is to be evaluated;
- b. introducing into each of the reaction vessels a first ~~ligand~~ antibody characterized in that it associates intracellularly with a biological component whose presence or amount reveals the effect of a given test compound on the biological or chemical process;

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